

AMENDMENTS TO THE SEQUENCE LISTING

IN THE SEQUENCE LISTING

Please replace the Sequence Listing of record with the Substitute Sequence Listing enclosed herewith.

REMARKS

Enclosed herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a Substitute Sequence Listing to be inserted into the specification as indicated above. The Substitute Sequence Listing in no way introduces new matter into the specification. Also submitted herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a disk copy of the Substitute Sequence Listing. The disk copy of the Sequence Listing, file “2007-02-19 4600-0119PUS1.ST25.txt”, is identical to the paper copy, except that it lacks formatting.

The specification is amended to identify each nucleotide and amino acid sequence with a corresponding SEQ ID NO. The Sequence Listing is amended to reference the present application by filing date and serial number. The Sequence Listing is further amended to include the nucleotide and amino acid sequences from pages 19, 39, 45, 62, and 73 of the specification. No new matter is introduced by these amendments.

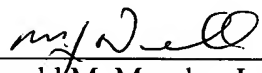
Translation

On December 4, 2006, an 87 page English Translation of the Specification, claims and Abstract was filed. Attached hereto is a copy of the return postcard receipt evidencing filing of this paper. The Notification of Defective Response indicates that the English Translation of the Claims and Abstract was not received. A copy of these pages is attached. The required processing fee was paid upon filing of the application on March 23, 2006.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

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Attachments:

Disk Copy of Sequence Listing (1 disk)
Paper Copy of Sequence Listing (40 Pages)
Copy of Notification of Defective Response (2 Pages)
English Translation of the Claims and Abstract (4 pages)
Copy of Return Postcard Receipt (1 Page)